

Air Cylinder: Non-rotating Rod Double Acting, Single Rod

C75K Series

ø32, ø40

RoHS

How to Order

Double acting, Single rod

C D 75K E 32 - 100 L V - B - M9BW

Built-in magnet

Nil	None
D	Built-in magnet

Head cover type

E	Double end boss-cut
F	Boss-cut/Basic
Y	Head cover axial port

Applicable head cover

Action	Head cover type		
	E	F	Y
Rubber bumper	●	●	●

Bore size

32	32 mm
40	40 mm

Cylinder stroke [mm]

Refer to the next page for standard strokes.

Auto switch mounting type*1

A	Rail mounting
B	Band mounting

*1 The symbol is "Nil" for no magnet.

Accessory*1

Nil	None
V	Rod end

*1 Refer to Mounting Brackets/Accessories on page 83 for details of accessories.

* Accessory is shipped together with the product.

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil	Without auto switch
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* For applicable auto switches, refer to the table below.

* Auto switches are shipped together with the product.

Made to order

For details, refer to page 82.

Mounting bracket*1

Nil	None
L	Single foot
M	Double foot
G	Flange
U	Trunnion
N	Clevis

*1 Refer to Mounting Brackets/Accessories on page 83 for details of mounting brackets.

* Mounting bracket is shipped together with the product.

Applicable mounting bracket

Action	Head cover type	Mounting bracket				
		L	M	G	U	N
Rubber bumper	E	●	●	●	●	●
	F	●	—	●	●	●
	Y	●	—	●	●	●

Applicable Auto Switches/Refer to the Web Catalog or Best Pneumatics No. 2-1 for further information on auto switches.

Type	Special function	Electrical entry	Indicator/light	Wiring (Output)	Load voltage		Auto switch model				Lead wire length [m]					Pre-wired connector	Applicable load		
					DC	AC	Band mounting		Rail mounting		0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)				
							Perpendicular	In-line	Perpendicular	In-line									
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	F7NV	F79	●	●	●	○	—	○	IC circuit	Relay, PLC	
		3-wire (PNP)		M9PV			M9P	F7PV	F7P	●	●	●	○	—	○				
	Connector	2-wire		12 V	M9BV		M9B	F7BV	J79	●	●	●	○	—	○	—			
	Diagnostic indication (2-color indicator)	Grommet		3-wire (NPN)	24 V		5 V, 12 V	M9NWV	M9NW	F7NWV	F79W	●	●	●	○	—	○		IC circuit
				3-wire (PNP)				M9PWV	M9PW	—	F7PW	●	●	●	○	—	○		
				2-wire				M9BWV	M9BW	F7BWV	J79W	●	●	●	○	—	○		—
				3-wire (NPN)				M9NAV*1	M9NA*1	—	—	○	○	●	○	—	○		IC circuit
				3-wire (PNP)				M9PAV*1	M9PA*1	—	—	○	○	●	○	—	○		
			2-wire	M9BAV*1		M9BA*1		F7BAV*1	F7BA*1	○	○	●	○	—	○	—			
	With diagnostic output (2-color indicator)	4-wire (NPN)	5 V, 12 V	—	H7NF	—	F79F	●	—	●	○	—	○	IC circuit					
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5 V	—	A96V	A96	—	A76H	●	—	●	—	—	—	IC circuit	—
								—	200 V	—	—	A72	A72H	●	—	●	—	—	
			No	2-wire	24 V	12 V	100 V	A93V*2	A93	A73*2	A73H*2	●	●	●	●	—	—	—	—
							100 V or less	A90V	A90	A80	A80H	●	—	●	—	—	—	—	IC circuit
	Yes	—	—	C73C			A73C	—	●	—	●	●	●	—	—	—			
	Connector	No	24 V or less	—			C80C	A80C	—	—	●	—	●	●	●	—	—	IC circuit	
	Diagnostic indication (2-color indicator)	Grommet	Yes	—	—	—	—	A79W	—	—	●	—	●	—	—	—	—		
				—	—	—	—	—	—	—	—	—	—	—	—	—	—		

*1 Water resistant type auto switches can be mounted on the above models, but SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

*2 1 m lead wire is only applicable to the D-A93.

* Lead wire length symbols: 0.5 m..... Nil (Example) M9NW 5 m..... Z (Example) M9NWZ
1 m..... M (Example) M9NWM None..... N (Example) H7CN
3 m..... L (Example) M9NWL

* Since there are other applicable auto switches than listed above, refer to page 111 for details.

* Solid state auto switches marked with "○" are produced upon receipt of order.

* D-A9□/M9□/A7□/A80□/F7□/J7□ auto switches are shipped together, but not assembled. (For band mounting, only the auto switch mounting brackets are assembled before shipment.)